## **Patent Assignment Abstract of Title**

**Total Assignments: 1** 

**Application #: 09522609** 

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**Issue Dt:** 

PCT #: NONE

**Publication #:** NONE

**Pub Dt:** 

Inventor: Shoichi Kuroha

Title: Liquid crystal siplay and manufacturing method thereof

Assignment: 1

**Reel/Frame:** <u>010620/0970</u> Received: 03/23/2000

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Mailed:

Pages: 3

03/10/2000 Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

05/16/2000

Assignor: KUROHA, SHOICHI

Exec Dt: 03/03/2000

Assignee: NEC CORPORATION

MINATO-KU

7-1, SHIBA 5-CHOME

TOKYO, JAPAN

Correspondent: MCGINN & GIBBS, P.C.

SEAN M. MCGINN, ESQ.

1701 CLARENDON BOULEVARD, SUITE 100

ARLINGTON, VA 22209

Search Results as of: 12/23/2002 9:02:38 A.M.

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i			DERWENT;	T.
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11	1061776	projection protrusion convex bump	USPAT;	2002/12/23 08:51
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			DERWENT;	
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12	58145	bm ((black opaque)adj (matrix region))	USPAT;	2002/12/23 08:55
	30113	(light adj shield\$3)	US-PGPUB;	
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13	1314	(349/155,156).ccls.	USPAT;	2002/12/23 08:55
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15	45	((349/155,156).ccls.) and	USPAT;	2002/12/23 08:56
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1			IBM_TDB	
16	94	spacer same (projection protrusion convex	USPAT;	2002/12/23 08:56
1		bump) same (bm ((black opaque)adj (matrix	US-PGPUB;	
	İ	region)) (light adj shield\$3))	EPO; JPO;	
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17	22	(spacer same (projection protrusion convex	USPAT;	2002/12/23 08:56
1 1	22		US-PGPUB;	2002, 12, 23 00.30
!		bump) same (bm ((black opaque)adj (matrix	-	
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1	1	((349/155,156).ccls.)	DERWENT;	
	i		IBM_TDB	
18	8	(spacer same (projection protrusion convex	USPAT;	2002/12/23 09:07
	!	bump) same (bm ((black opaque)adj (matrix	US-PGPUB;	į į
	İ	region)) (light adj shield\$3))) and	EPO; JPO;	
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19	. 19	{"4626073"   "4685770"   "4705360"	USPAT	2002/12/23 09:04
1.7			ODERI	2002/12/23 05.04
1	1	"4804254"   "4904056"   "4966442"	:	·
!	!	"4989955"   "5040875"   "5044733"	•	
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1		"6144435").PN.		
20	į 0	6414739.URPN.	USPAT	2002/12/23 09:06

21	17 ((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light adj shield\$3))) and ((349/155,156).ccls.)) not ((spacer same (projection protrusion convex bump) same (bm ((black opaque)adj (matrix region)) (light	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23	09:08
i	adj shield\$3))) and ((349/110,111).ccls.))	1		00.00
23	2 ("4470667"   "5757451").PN.	USPAT	2002/12/23	
. 24	3 6097467.URPN.	USPAT	2002/12/23	
25	11 . ("4341445"   "5503932"   "5576862"	USPAT	2002/12/23	09:11
:	"5602661"   "5680189"   "5909265"   "5982466"   "5995186"   "5995191"   "6091476"   "6097467").PN.			! !
22	<pre>45 (((349/155,156).ccls.) and</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/23	09:12
26	6 ("5815232"   "6072557"   "6115098"   "6266122"   "6281960"   "6330049") PN.	USPAT	2002/12/23	09:13